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Terms	Documents
L18 with l3	2

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index

IBM Technical Disclosure Bulletins

Search:

L19

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Thursday, December 05, 2002 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

<u>L19</u>	L18 with l3	2	<u>L19</u>
<u>L18</u>	angiogenic with gene therapy	129	<u>L18</u>
<u>L17</u>	L16 with l3	3	<u>L17</u>
<u>L16</u>	L15 with l5	1577	<u>L16</u>
<u>L15</u>	adsorbed or adsorption	174836	<u>L15</u>
<u>L14</u>	L13 same l3	33	<u>L14</u>
<u>L13</u>	l9 with l1	23335	<u>L13</u>
<u>L12</u>	L11 and l5	16	<u>L12</u>
<u>L11</u>	L10 same l1	35	<u>L11</u>
<u>L10</u>	L9 with l3	4296	<u>L10</u>
<u>L9</u>	layers or alternat\$ layer	2665999	<u>L9</u>
<u>L8</u>	6342250	3	<u>L8</u>
<u>L7</u>	L5 and l4	9	<u>L7</u>
<u>L6</u>	L5 same l4	1	<u>L6</u>
<u>L5</u>	dna or polynucleotide or gene or plasmid or viral vector or adenov\$ or retrovir\$	244652	<u>L5</u>
<u>L4</u>	L3 with l2 with l1	43	<u>L4</u>
<u>L3</u>	medical device or catheter or stent	85506	<u>L3</u>
<u>L2</u>	layer or coating	3329896	<u>L2</u>
<u>L1</u>	chitosan or gelatin or polycationic or cationic	233523	<u>L1</u>

END OF SEARCH HISTORY

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L19: Entry 1 of 2

File: PGPB

Dec 5, 2002

DOCUMENT-IDENTIFIER: US 20020182186 A1

TITLE: Materials and methods for inducing angiogenesis and the repair of mammalian tissue

Summary of Invention Paragraph (17):

[0016] Further work by Barr et al., "Efficient Catheter-Mediated Gene Transfer into the Heart Using Replication-Defective Adenovirus", Gene Therapy 1:51-58 (1994), showed that five days after intra-coronary artery infusion an angiogenic gene inserted into the plasmid of a replication deficient adenovirus, the virus was detected in the brain, lungs, liver, kidneys and testes. This was after a single infusion into a coronary artery of 2×10^9 - 1×10^{10} p.f.u. of adenovirus-linked gene. Thus, infusion of adenovirus-linked angiogenic genes into a coronary artery resulted in the undesirable result of disseminating angiogenic capable genes systemically. This could enable an occult tumor to grow by extending its blood vessel system. Also, the body's immune system attacks and kills the cells invaded by the virus, limiting the duration of action to days or weeks.

WEST**Search Results - Record(s) 1 through 1 of 1 returned.**☐ 1. Document ID: US 20020061326 A1

L6: Entry 1 of 1

File: PGPB

May 23, 2002

PGPUB-DOCUMENT-NUMBER: 20020061326

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020061326 A1

TITLE: Controlled delivery of therapeutic agents by insertable medical devices

PUBLICATION-DATE: May 23, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Li, Wei-ping	Salt Lake City	UT	US	
Mao, Hai-Quan	Singapore	MD	SG	
Leong, Kam W.	Ellicott City		US	

US-CL-CURRENT: 424/424; 604/95.03

Full	Title	CIT.1	REV.1	CLS.1	REF.1	SEQ.1	ATT.1
	NAW.1						

Terms	Documents
L5 same l4	1

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L7: Entry 8 of 9

File: DWPI

Jul 12, 2001

DERWENT-ACC-NO: 2001-475951

DERWENT-WEEK: 200239

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TITLE: New implantable medical device coated with layers of a cationic polyelectrolyte carrier and at least one negatively charged therapeutic agent, useful as a stent, catheter, balloon catheter or combination of these.

INVENTOR: LEONG, K W; LI, W ; MAO, H

PRIORITY-DATA: 1999US-173743P (December 30, 1999), 2001US-0750779 (January 2, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200149338 A1	July 12, 2001	E	032	A61L029/16
US 20020061326 A1	May 23, 2002		000	A61M037/00
AU 200126232 A	July 16, 2001		000	A61L029/16

INT-CL (IPC): A61 L 29/16; A61 L 31/16; A61 M 37/00